REMARKS

All amendments are to remove multiple dependencies. No new matter has been added.

Applicant submits that all of the claims are now in condition for examination, which action is requested. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

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"Version with markings to show changes made"

In the claims:

Claims 3-6, 9-10, 14-15, 18, and 19 have been amended as follows:

3. The arrangement as recited in claim 1 [either of claims 1 and 2],
characterized in that
said plastic protective body (9) is made of a substantially opaque plastic material.

4. The arrangement as recited in claim 1 [any of the preceding claims],
characterized in that
said plastic protective body (9) is made of a thermoplast or a duroplast.

5. The arrangement as recited in claim 1 [any of the preceding claims],
characterized in that
said substrate structure (1) is a singulated part, particularly a stamped part, made from a panel-shaped or strip-shaped metal sheet, particularly a lead frame.

6. The arrangement as recited in claim 1 [any of the preceding claims],
characterized in that
said substrate structure (1) is in thermal contact with a coolant, particularly water, which flows around or across at least a portion of its surface.

9. The arrangement as recited in claim 1 [any of the preceding claims],
characterized in that
said optical waveguide (8) is provided on both of its longitudinal faces with a coating, particularly a SiO_2 coating, for beam guidance.

10. The arrangement as recited in claim 1 [any of the preceding claims],
characterized in that

an optical waveguide structure creating a plurality of individual optical waveguides is formed in said waveguide (8).

12. The arrangement as recited in claim 1 [any of the preceding claims],
characterized in that
to effect the optical coupling of said optical waveguide (8) to said light-emitting power semiconductor device (3), a particularly reflective or diffractive lens is provided in the beam path between said power semiconductor device (3) and said optical waveguide (8).

14. The arrangement as recited in claim 1 [any of the preceding claims],
characterized in that
said transparent plastic material is silicone.

15. The arrangement as recited in claim 1 [any of the preceding claims],
characterized in that
said light-emitting power semiconductor device (3) is a semiconductor laser, particularly a semiconductor laser bar.

18. The method as recited in claim 16 [either of claims 16 and 17],
characterized in that
as part of the fourth step, a projecting piece (16) of plastic material integrally formed on said plastic protective body is broken off to expose said light exit surface of said optical waveguide (8).

19. The method as recited in claim 16 [any of claims 16 to 18],
characterized in that
after said fourth step, the exposed light exit surface of said optical waveguide (8) is polished.